

## 32-5084: Recombinant Human TIAL1

**Alternative Name :** TCBP,TIAR,TIA1 cytotoxic granule-associated RNA binding protein-like 1,TIA-1-related protein.

### Description

Source : Escherichia Coli. TIAL1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 398 amino acids (1-375 a.a) and having a molecular mass of 44.0kDa.TIAL1 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. TIAL1 belongs to a family of RNA-binding proteins, it has 3 RNA recognition motifs (RRMs), and binds adenine and uridine-rich elements in mRNA and pre-mRNAs of a extensive range of genes. TIAL1 regulates a variety of activities including translational control, splicing and apoptosis. TIAL1 different isoforms function differently with respect to post-transcriptional silencing.

### Product Info

<b>Amount :</b>	20 µg
<b>Purification :</b>	Greater than 90.0% as determined by SDS-PAGE.
<b>Content :</b>	TIAL1 protein solution (0.5mg/ml) containing Phosphate buffered saline (pH7.4),50% glycerol, 2mM DTT and 1mM EDTA .
<b>Storage condition :</b>	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
<b>Amino Acid :</b>	MGSSHHHHHH SSGLVPRGSH MGSMMEDDGQ PRTLYVGNLS RDVTEVLILQ LFSQIGPCKS CKMITEHTSN DPYCFVEFYE HRDAAAALAA MNGRKILGKE VKVNWATTPS SQKKDTSNHF HVFVGDLSPE ITTEDIKSAF APFGKISDAR VVKDMATGKS KGYGFVSFYN K LDAENAIVH MGGQWLGGRRQ IRTNWATRKP PAPKSTQENN TKQLRFEDVV NQSSPKNCTV YCGGIASGLT DQLMRQTFSP FGQIMEIRVF PEKGYSFVRF STHESAHAH VSVNGTTIEG HVVKCYWGKE SPDMTKNFQQ VDYSQWGQWS QVYGNPQOYG QYMANGWQVP PYGVYGQPWN QQFGVDQSP SAAWMGGFGA QPPQGQAPP VIPPPNQAGY GMASYQTQ.

